

Title (en)  
CHAINS

Title (de)  
KETTEN

Title (fr)  
CHAINES

Publication  
**EP 1370783 A2 20031217 (EN)**

Application  
**EP 02720127 A 20020325**

Priority  
• GB 0201425 W 20020325  
• GB 0107331 A 20010323

Abstract (en)  
[origin: US2004093848A1] A chain comprises links formed from bar stock having a specific cross-section. In a preferred embodiment, which is a chain of 16 mm size, the cross-section comprises four convex arcuate sides (10a), (10b), (10c) and (10d), each of which has a radius of curvature at least 10% greater than the chain size (i.e. at least 10% greater than 8 mm) and preferably at least 15% greater than the chain size. In this way, a chain is produced which has the profile which is similar to the profile attained by the chain after a significant period of wear, involving a significant increase in the surface-to-surface contact between adjacent links, reducing the effective wear rate, and reducing the rate of effective lengthening of the chain due to wear.

IPC 1-7  
**F16G 13/12**

IPC 8 full level  
**F16G 13/12** (2006.01)

CPC (source: EP US)  
**F16G 13/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 02076869A2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**US 2004093848 A1 20040520; US 6895739 B2 20050524;** AT E325291 T1 20060615; AU 2002251197 A1 20021008; CN 1318777 C 20070530; CN 1537204 A 20041013; DE 60211133 D1 20060608; DE 60211133 T2 20061214; DK 1370783 T3 20060911; EP 1370783 A2 20031217; EP 1370783 B1 20060503; ES 2266480 T3 20070301; GB 0107331 D0 20010516; GB 2373560 A 20020925; GB 2373560 B 20050420; WO 02076869 A2 20021003; WO 02076869 A3 20030522

DOCDB simple family (application)  
**US 47234403 A 20030922;** AT 02720127 T 20020325; AU 2002251197 A 20020325; CN 02807107 A 20020325; DE 60211133 T 20020325; DK 02720127 T 20020325; EP 02720127 A 20020325; ES 02720127 T 20020325; GB 0107331 A 20010323; GB 0201425 W 20020325